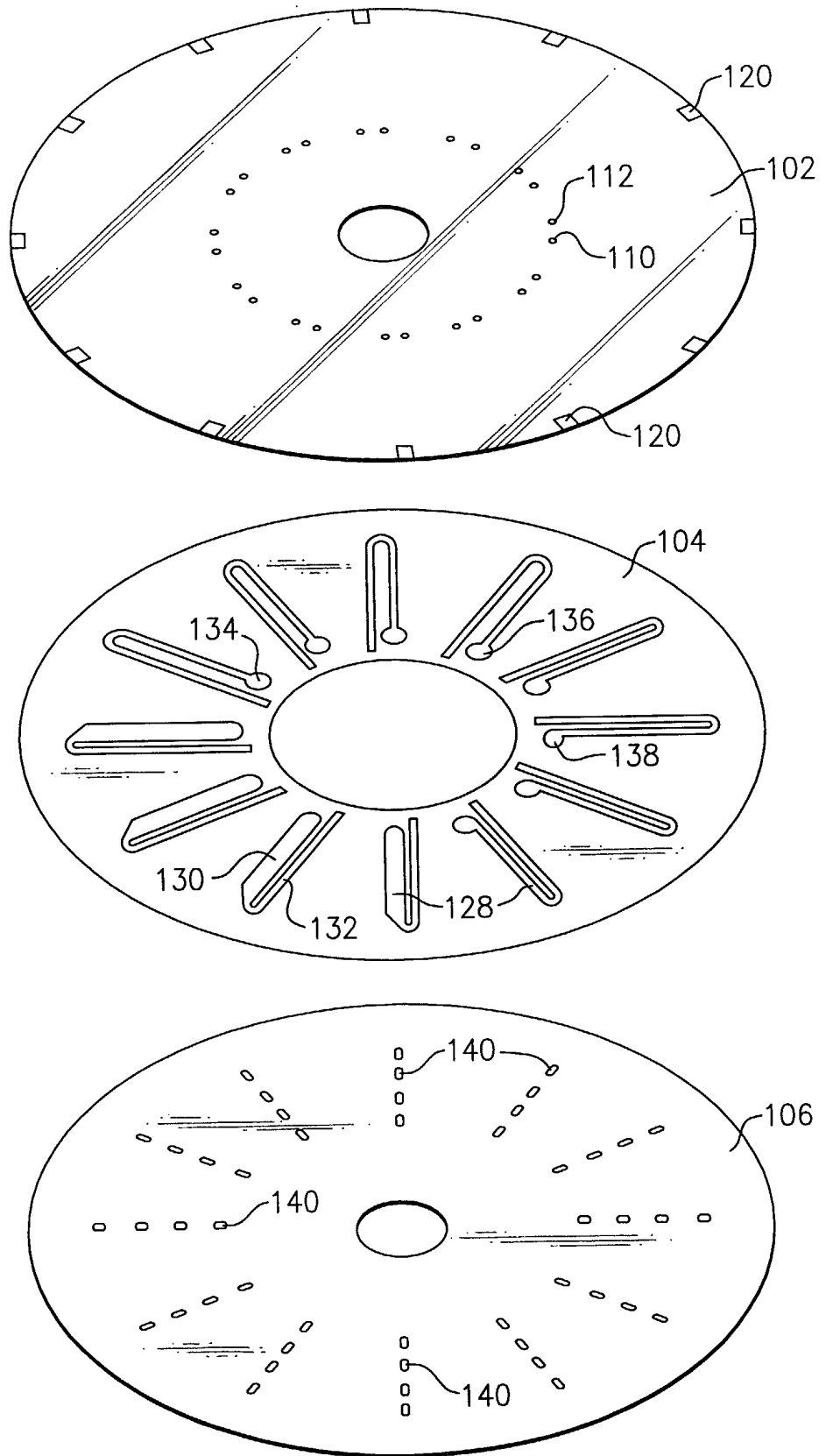
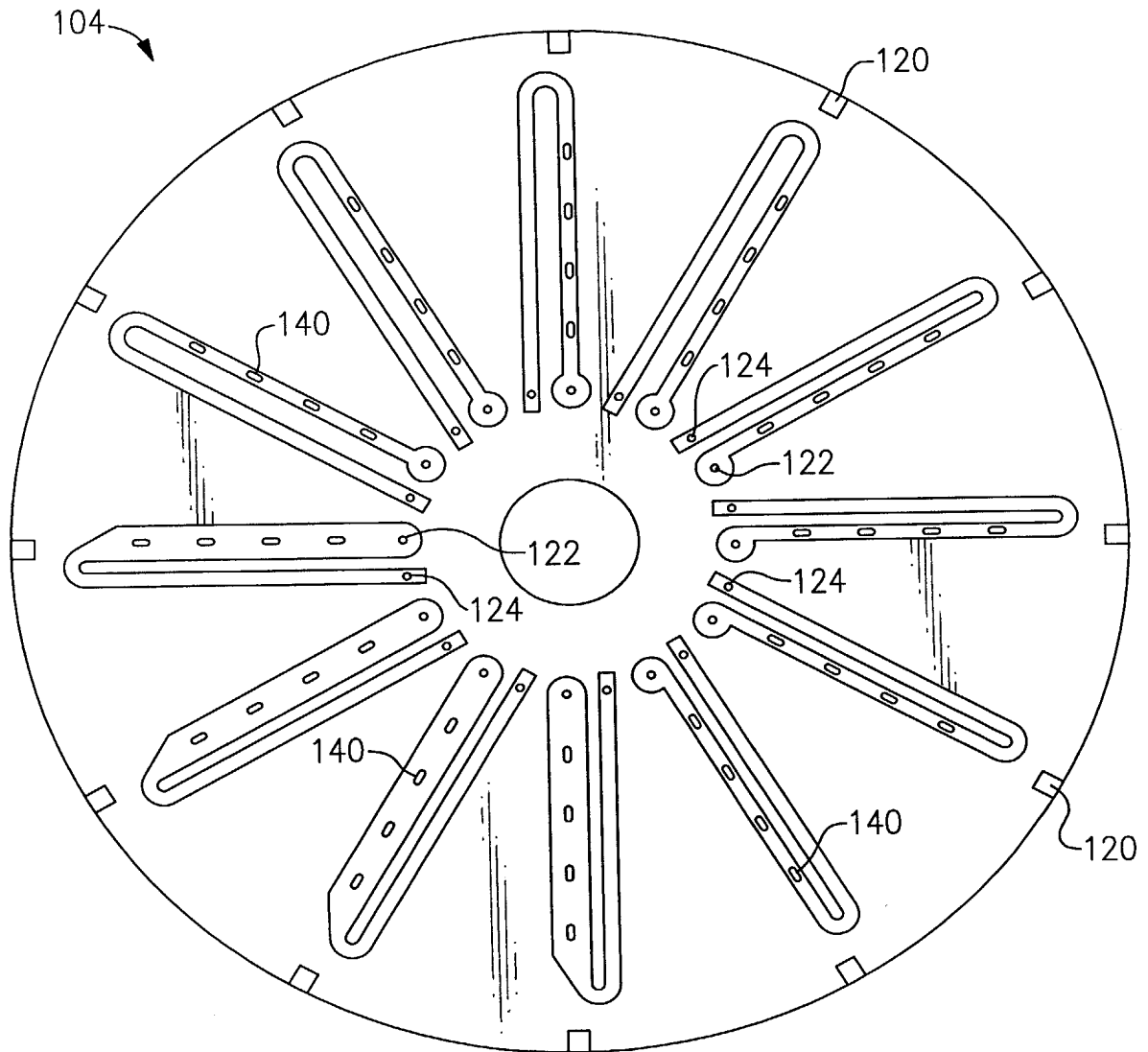


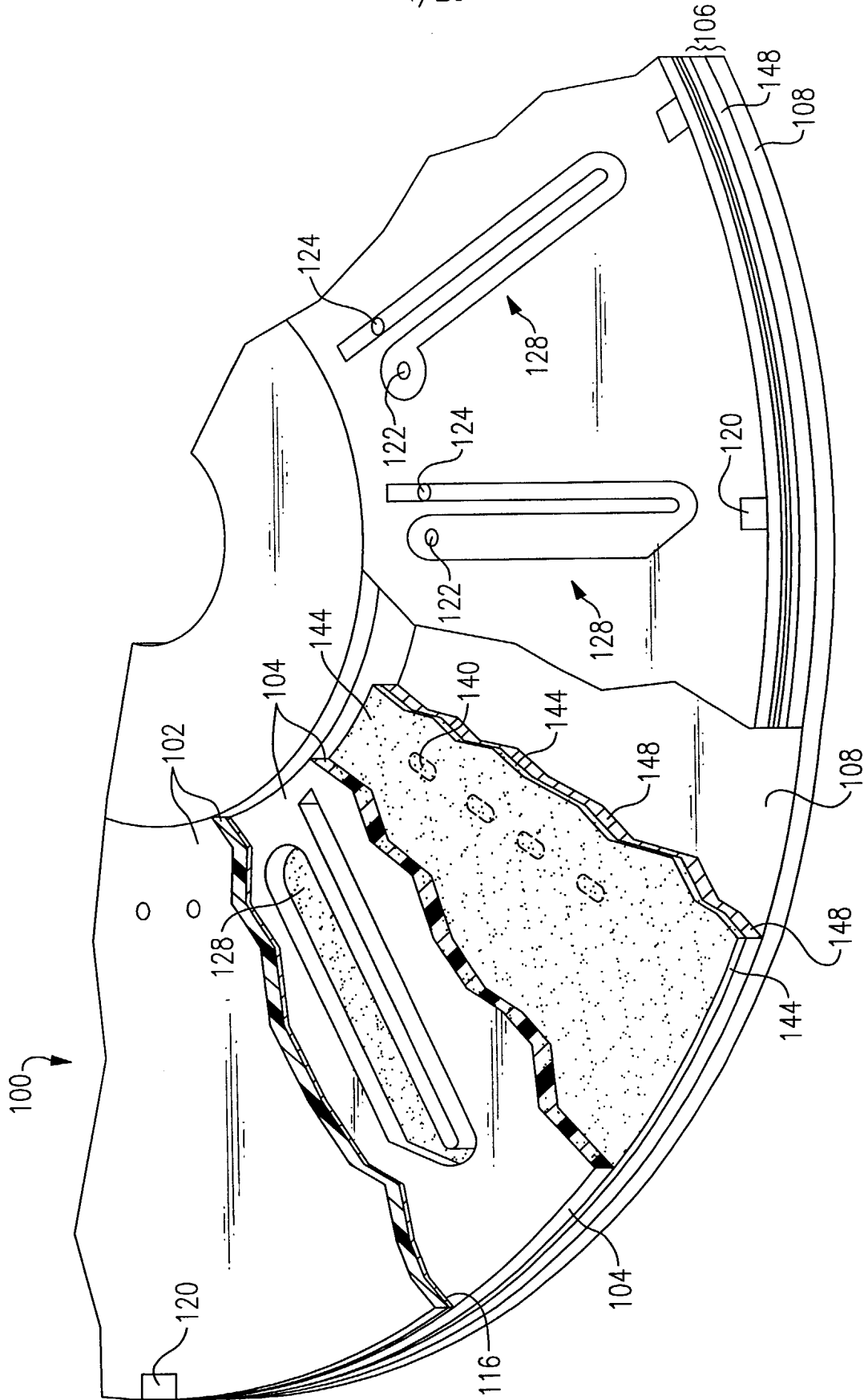
**FIG. 1**

**FIG. 2A**





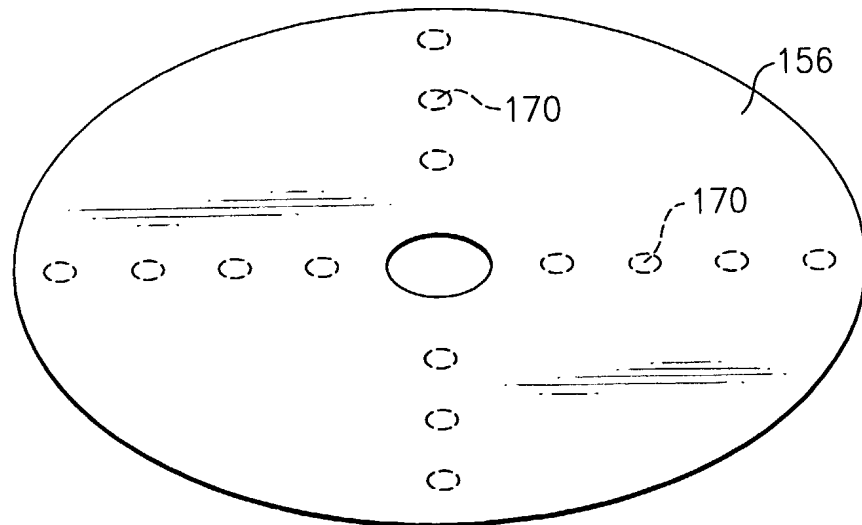
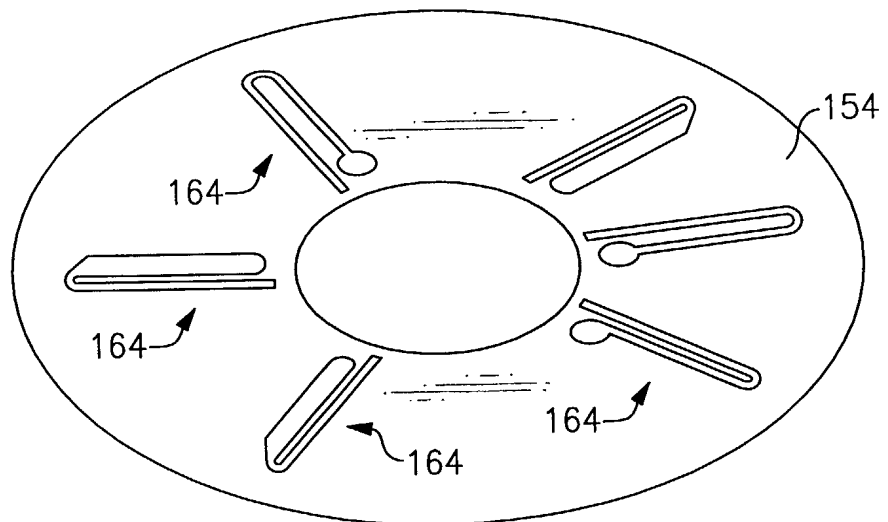
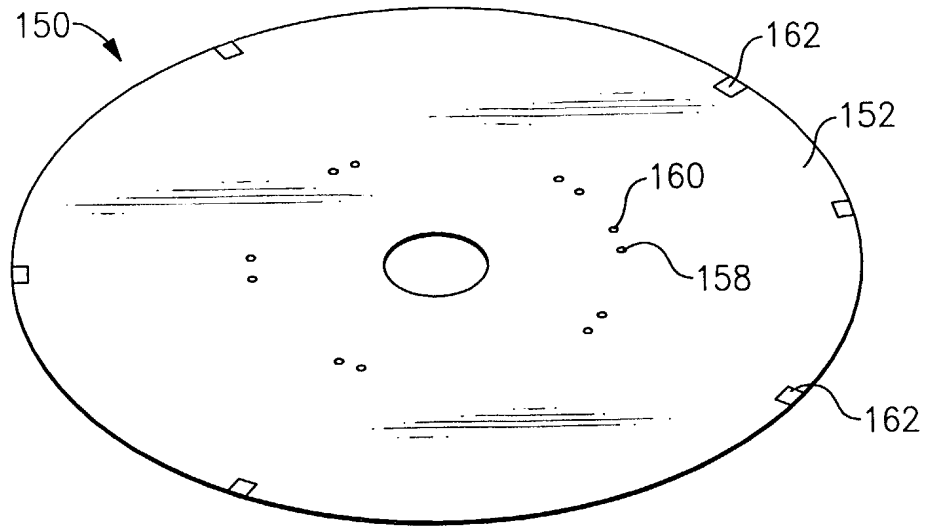
**FIG. 2B**

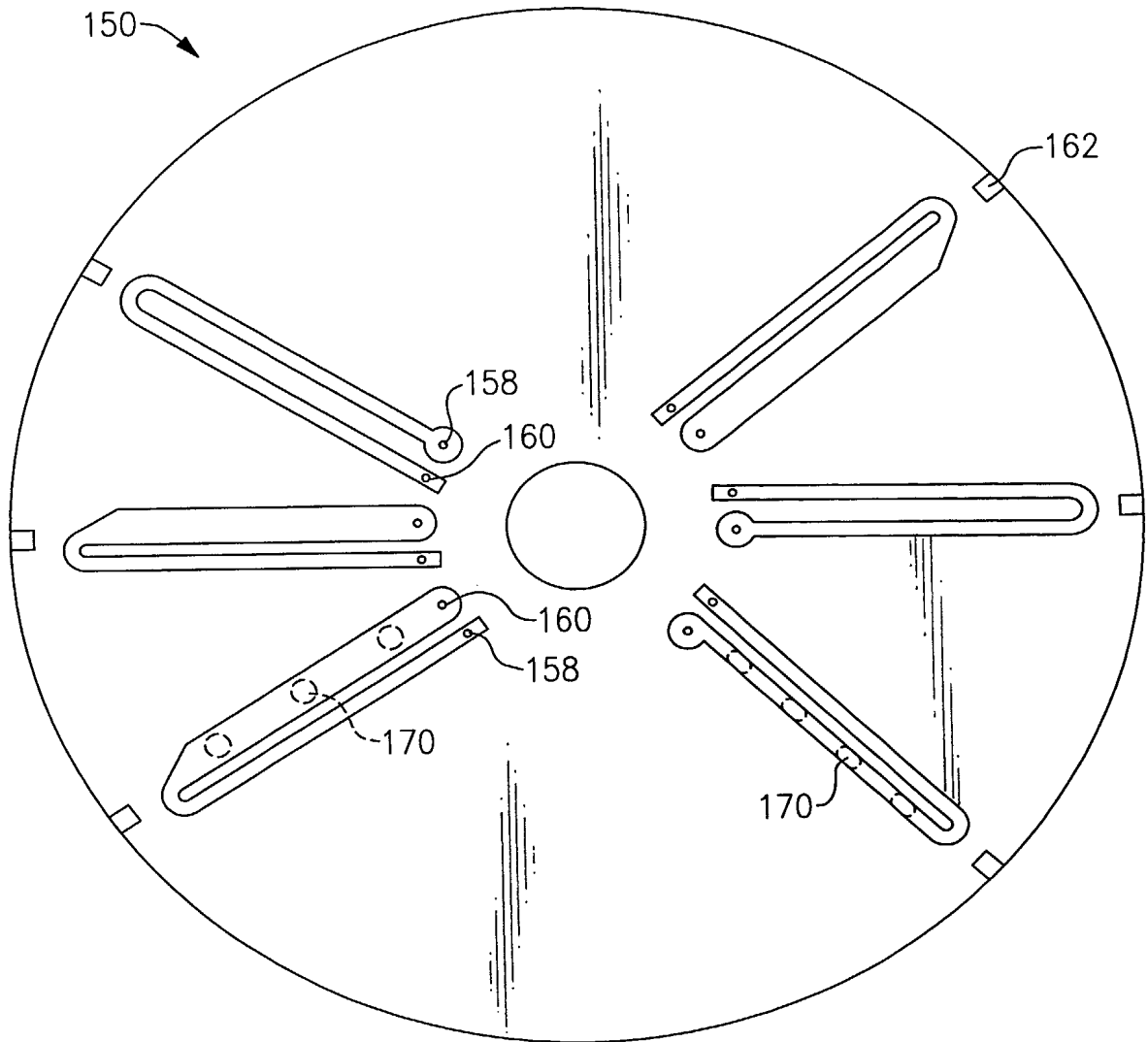


**FIG. 2C**

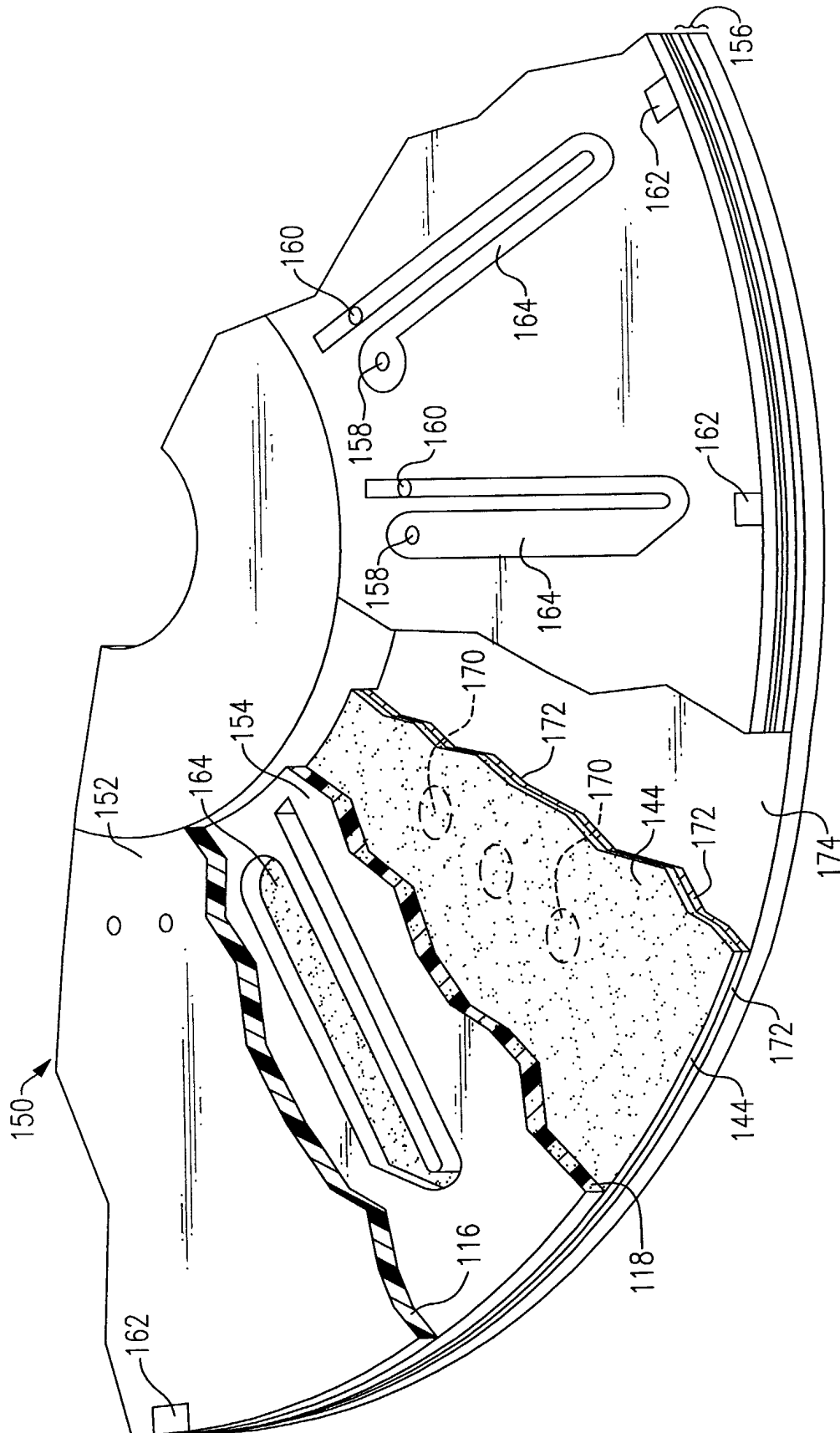
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**FIG.3A**





**FIG.3B**



**FIG. 3C**

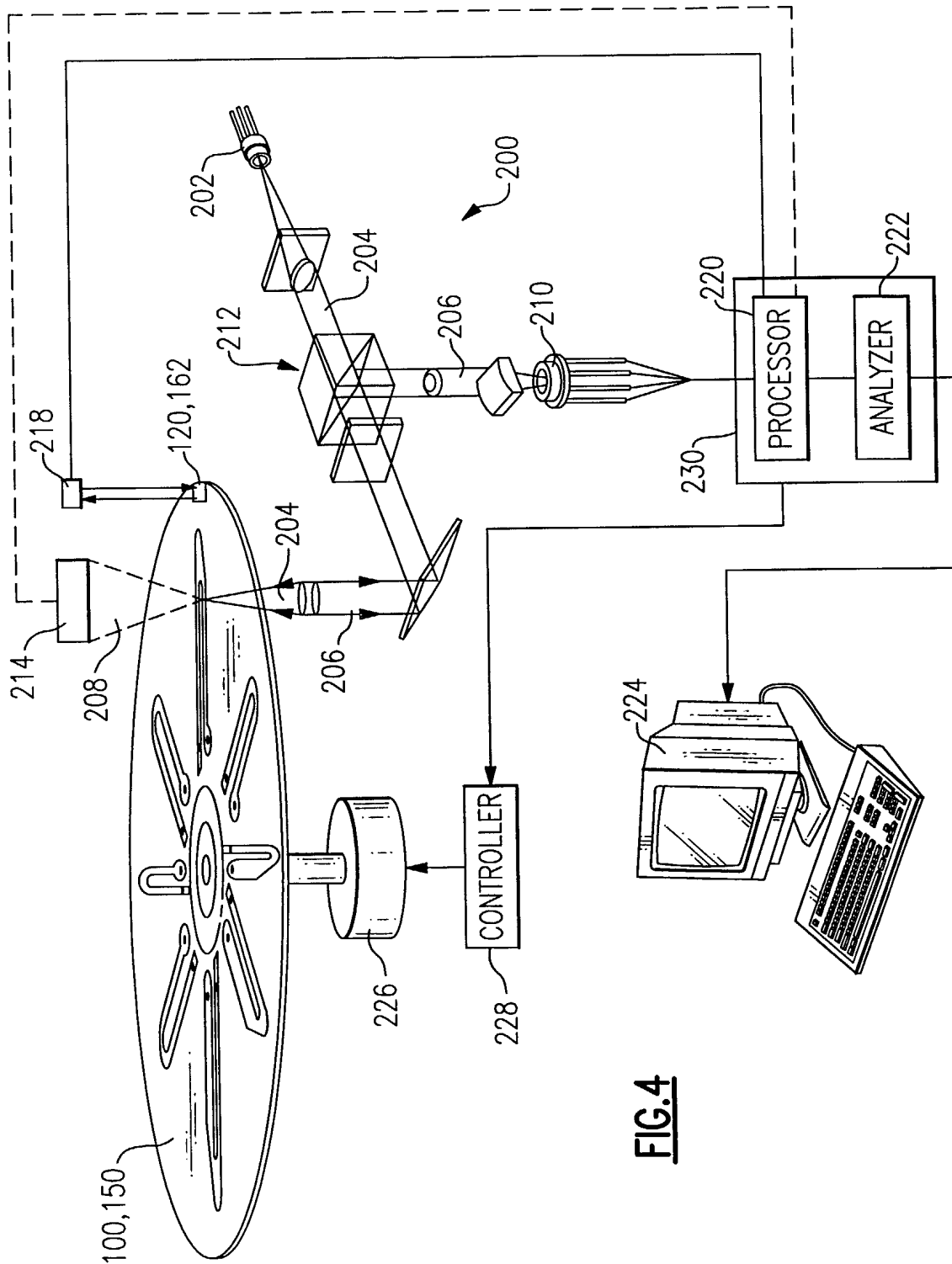
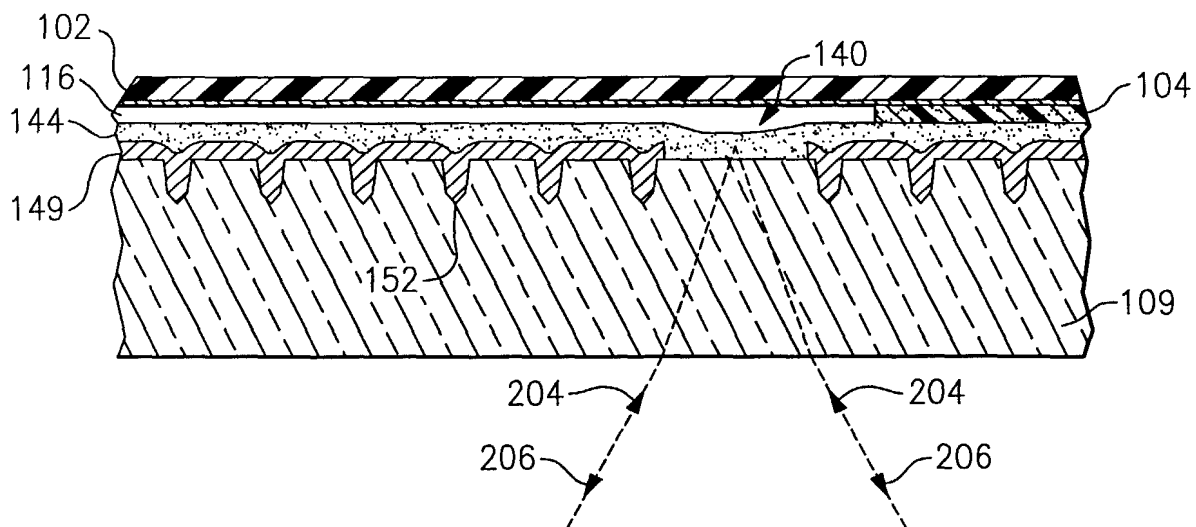
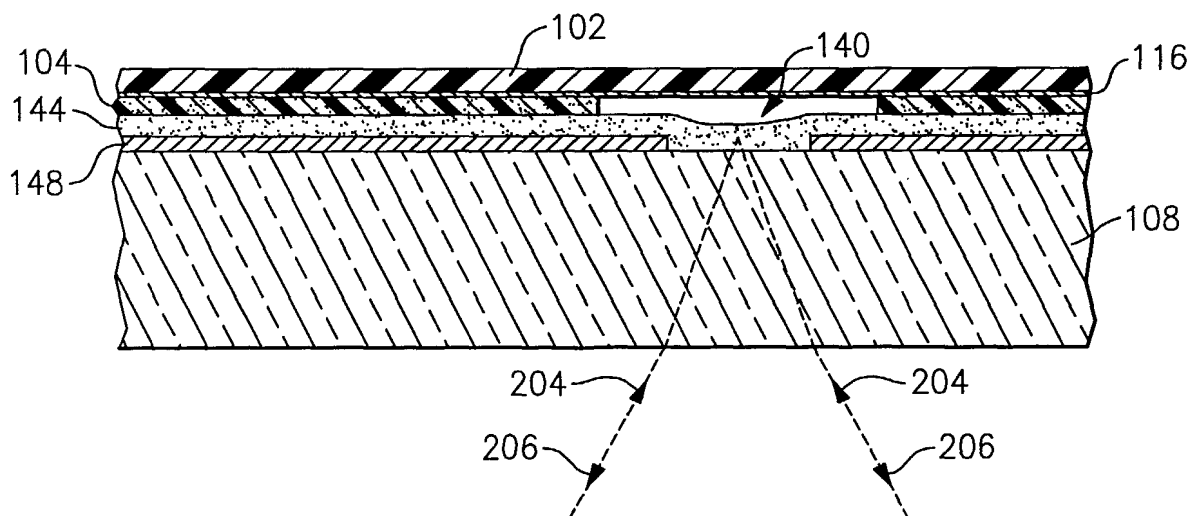


FIG. 4



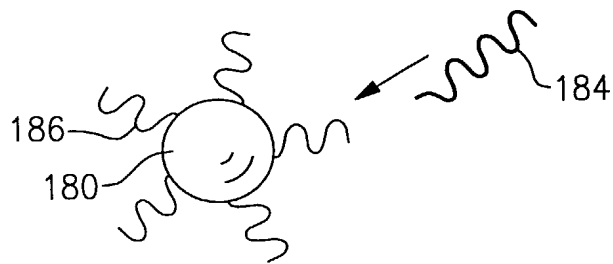


**FIG.5**



**FIG.6**

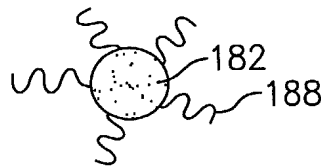
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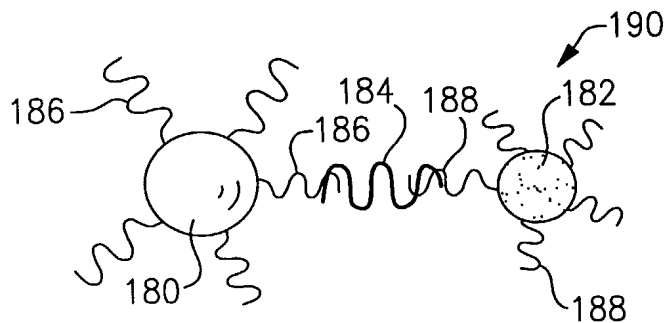
**FIG. 7**



**FIG. 8**

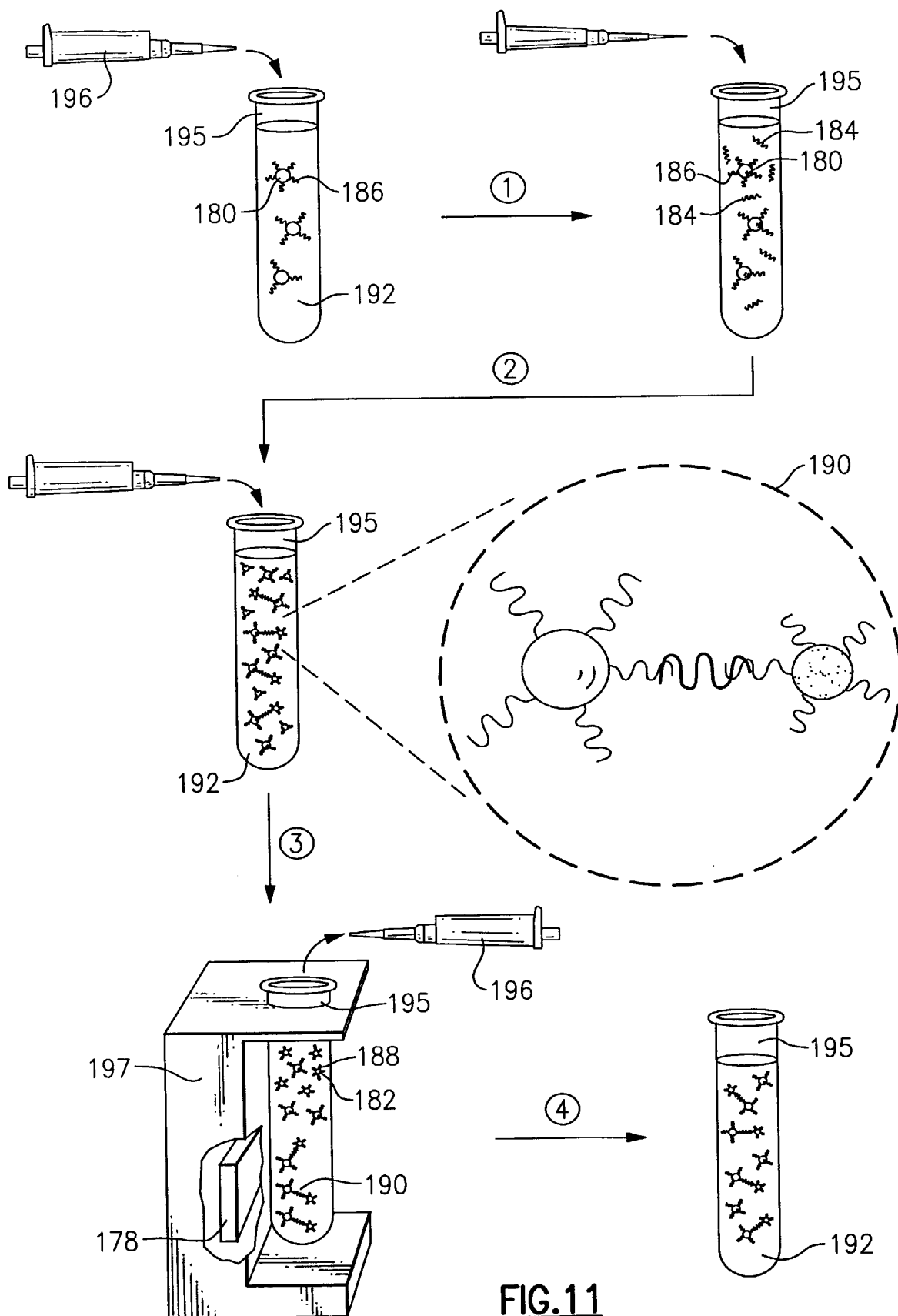


**FIG. 9**

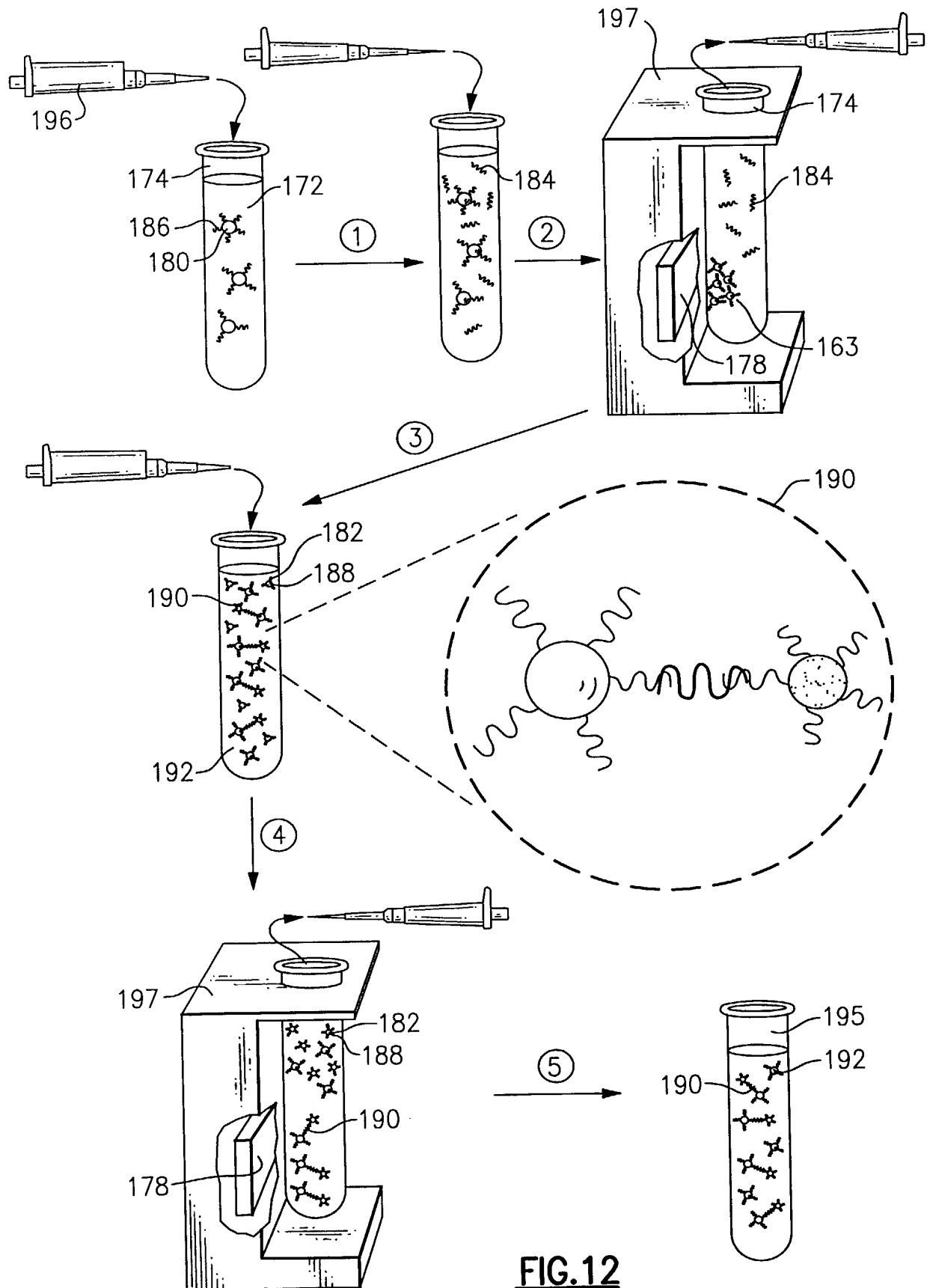


**FIG. 10**

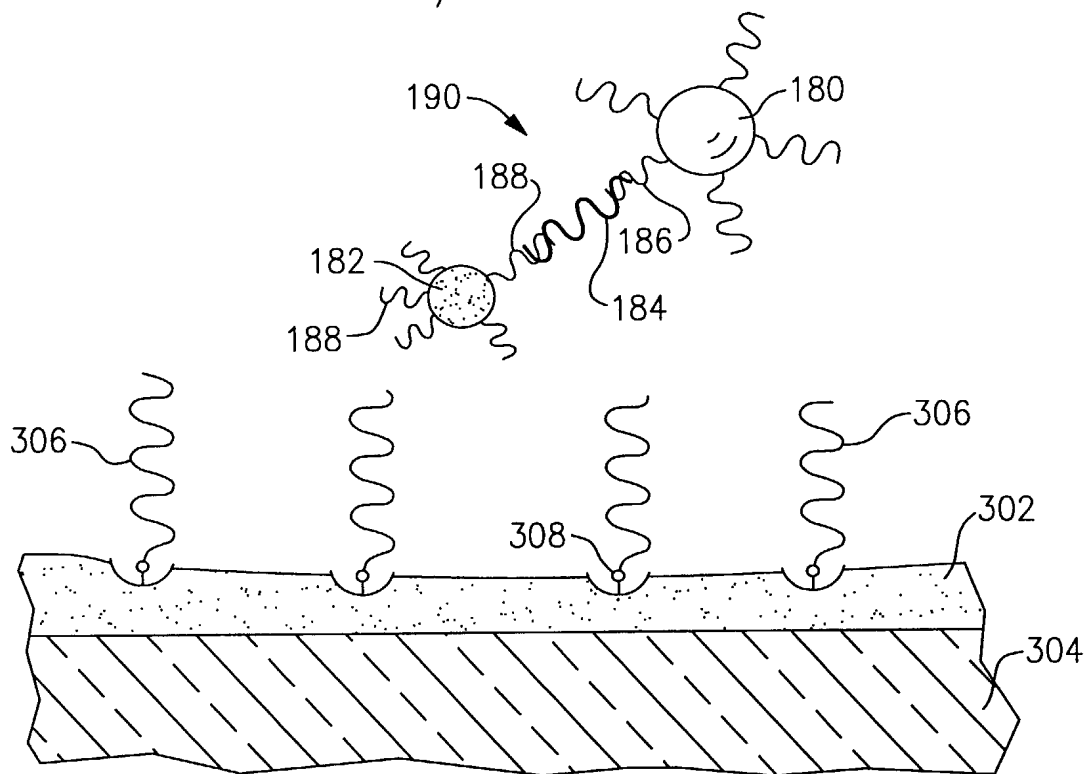
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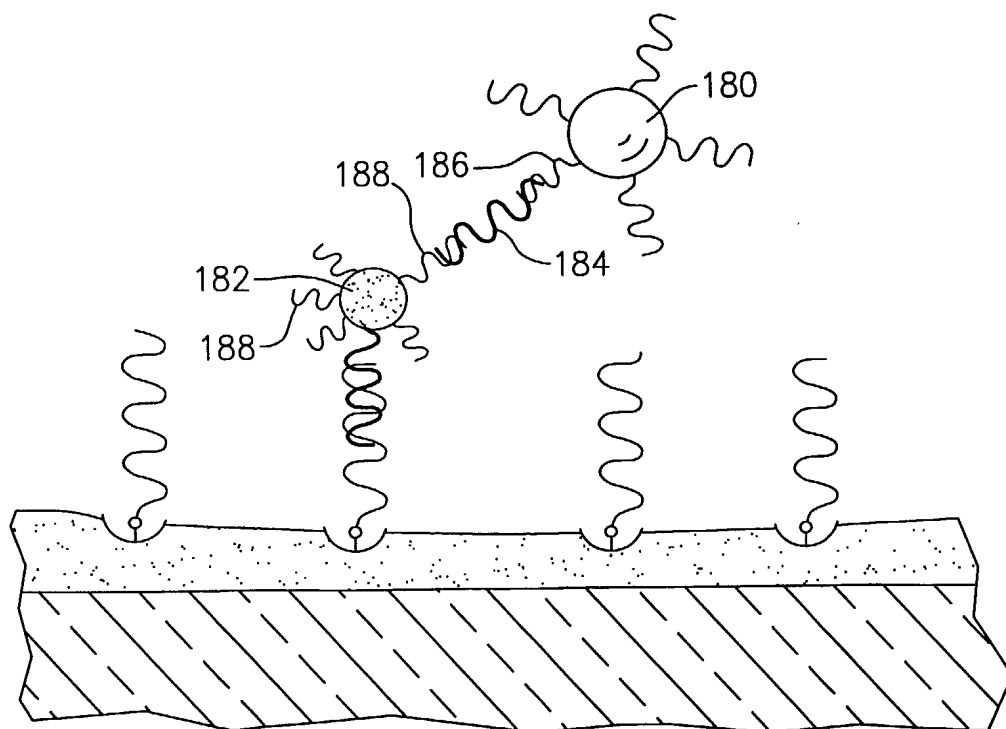
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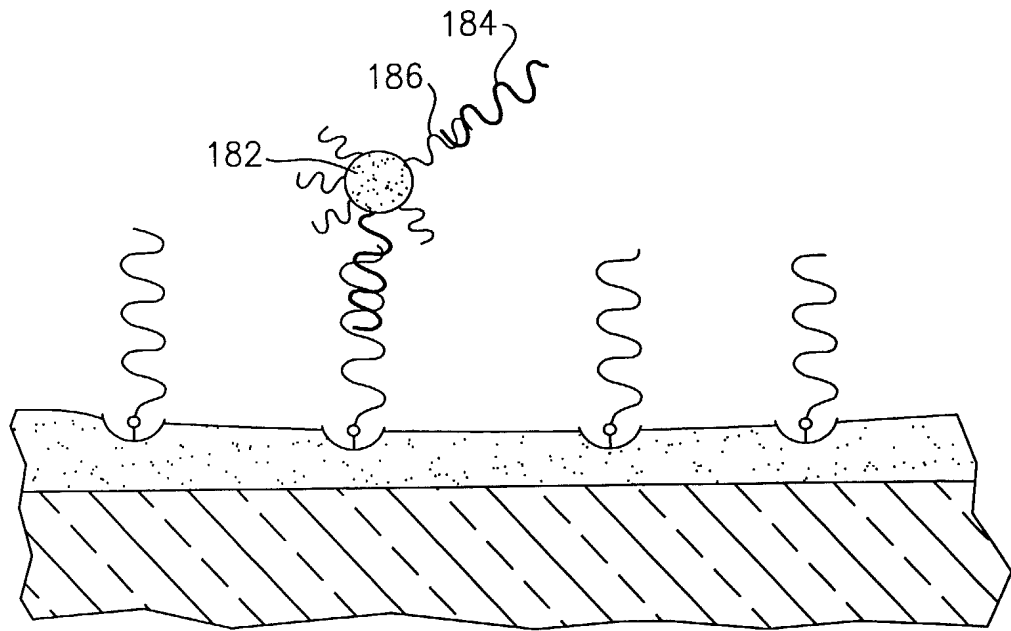
**FIG.12**



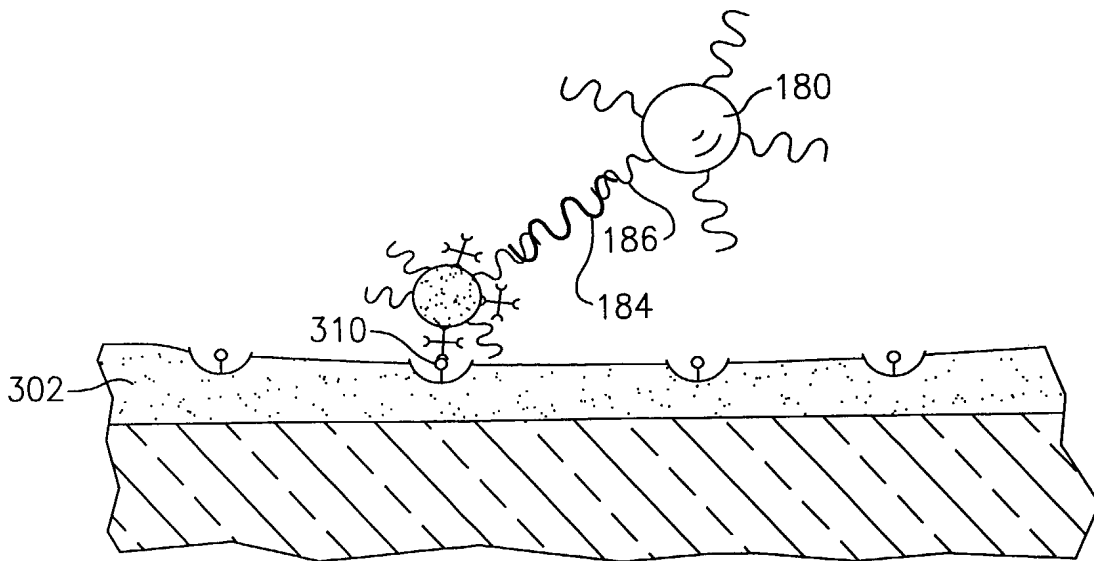
**FIG. 13A**



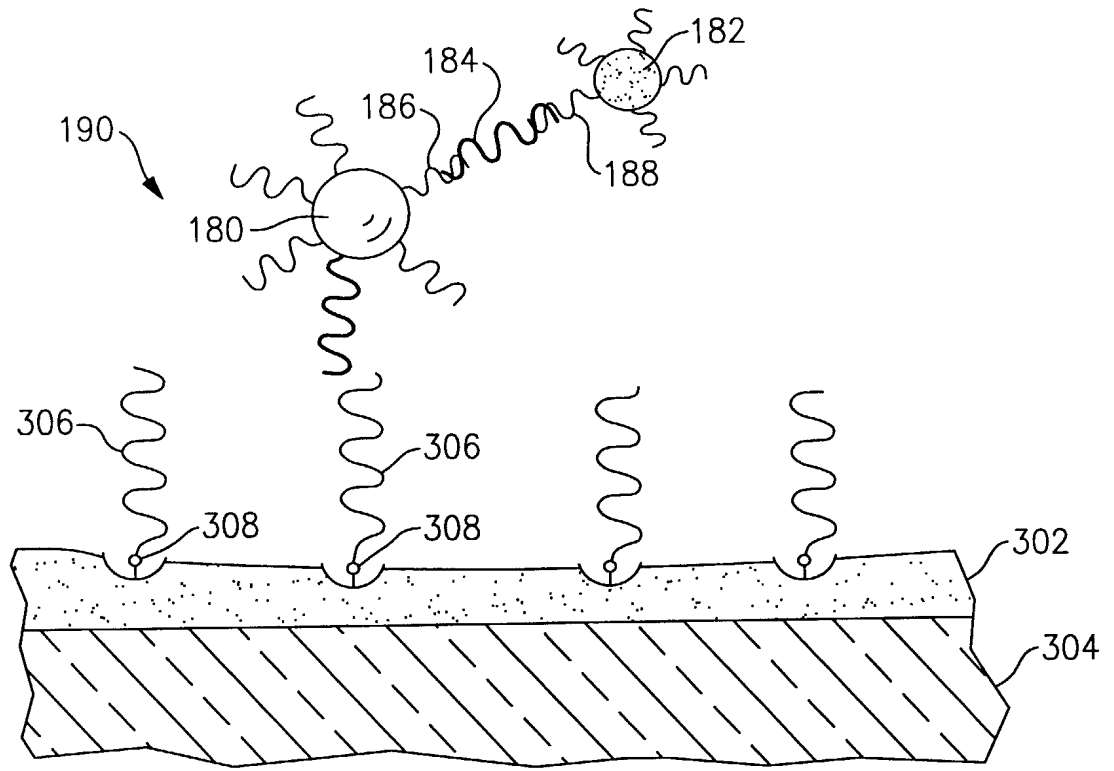
**FIG. 13B**



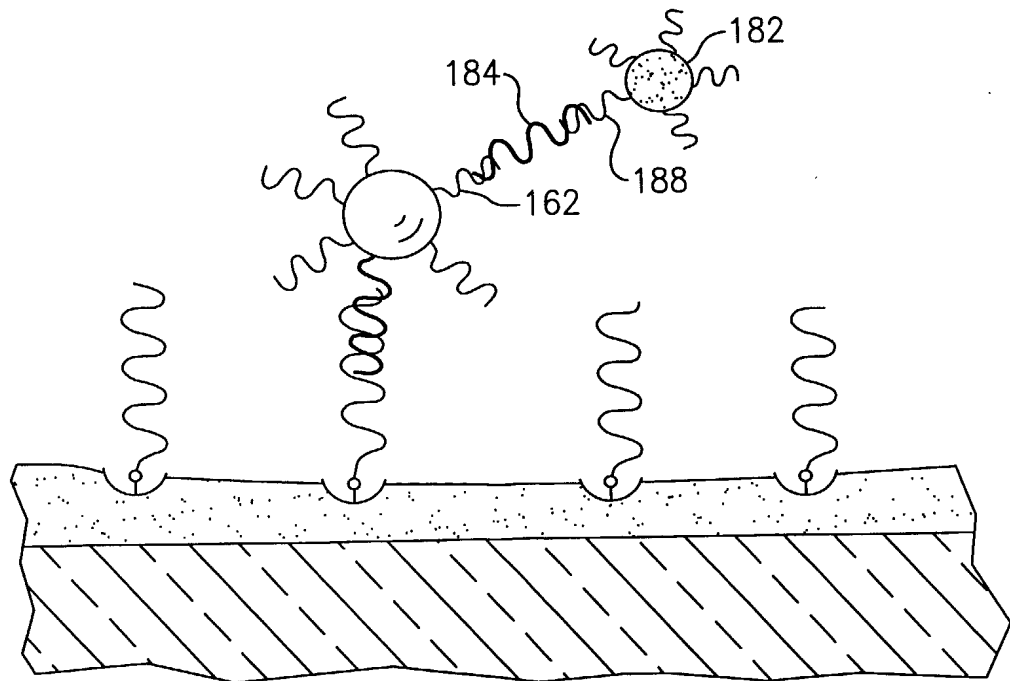
**FIG.13C**



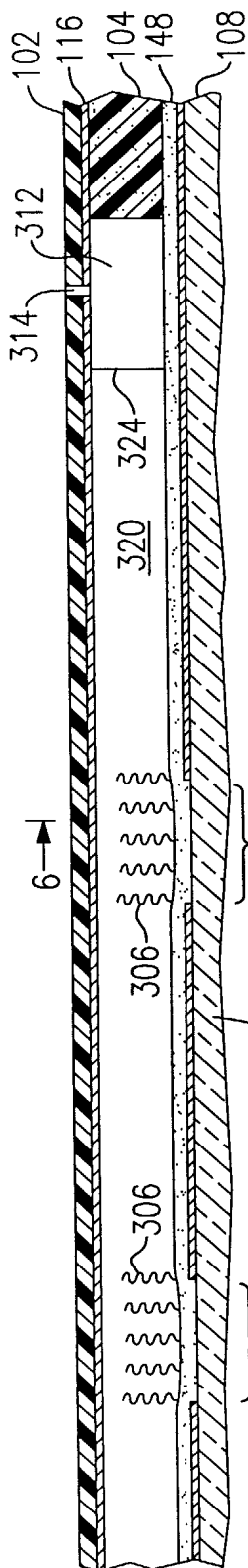
**FIG.13D**



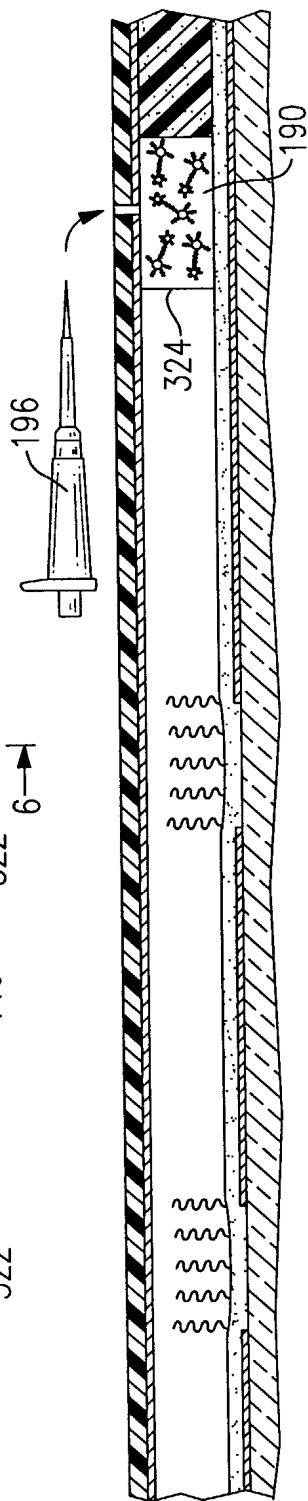
**FIG. 14A**



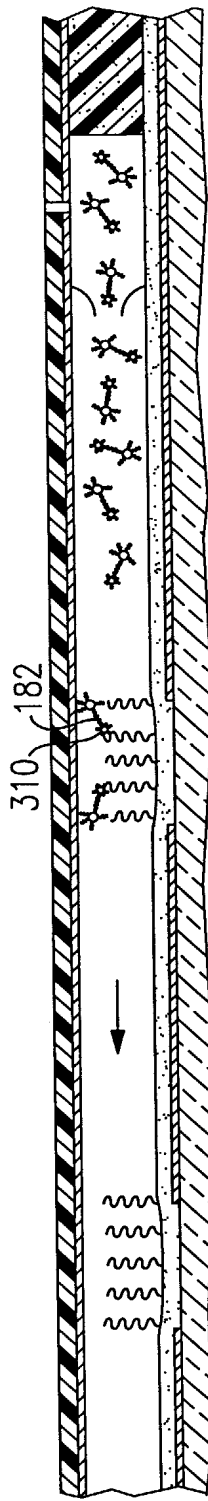
**FIG. 14B**



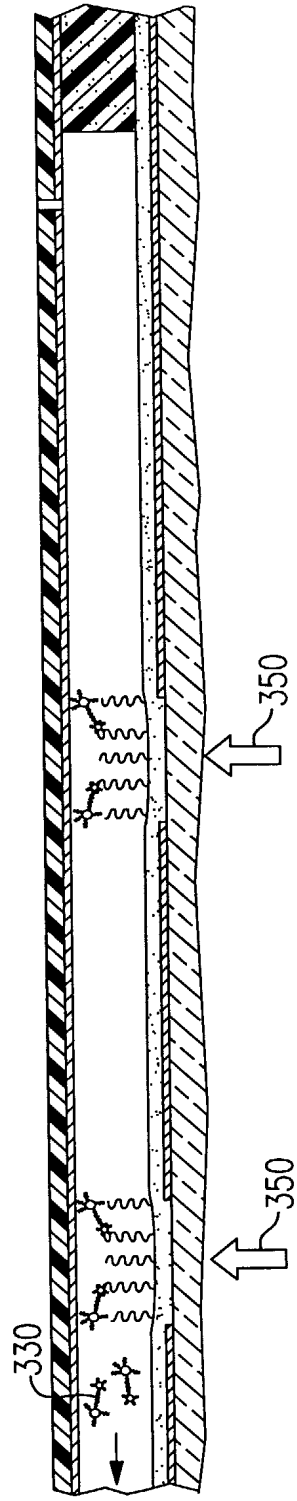
**FIG. 15A**



**FIG. 15B**

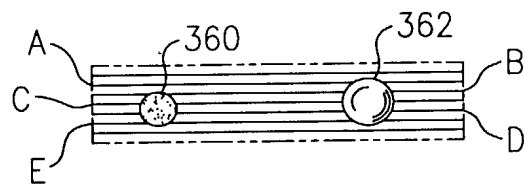


**FIG. 15C**

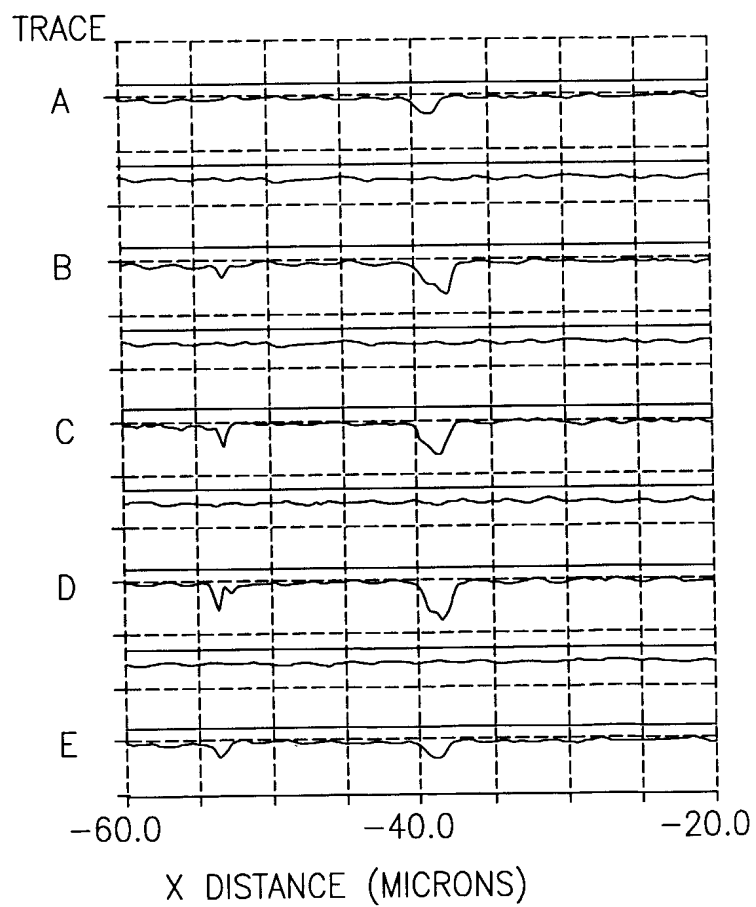


**FIG. 15D**

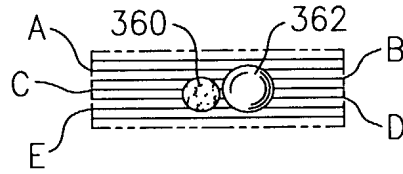




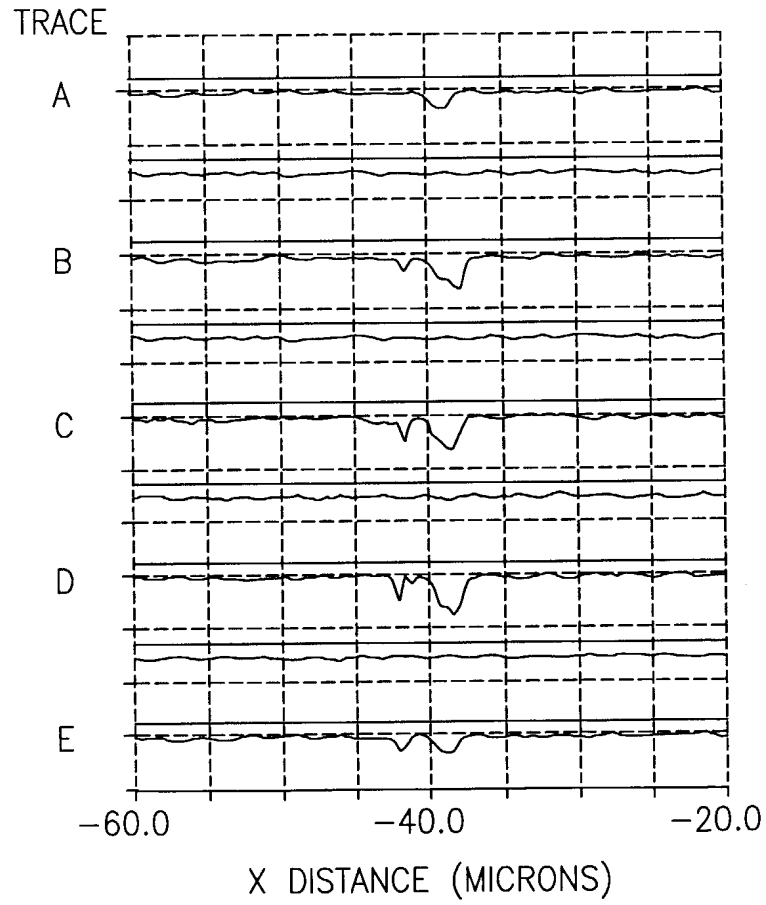
**FIG.16A**



**FIG.16B**



**FIG.17A**



**FIG.17B**

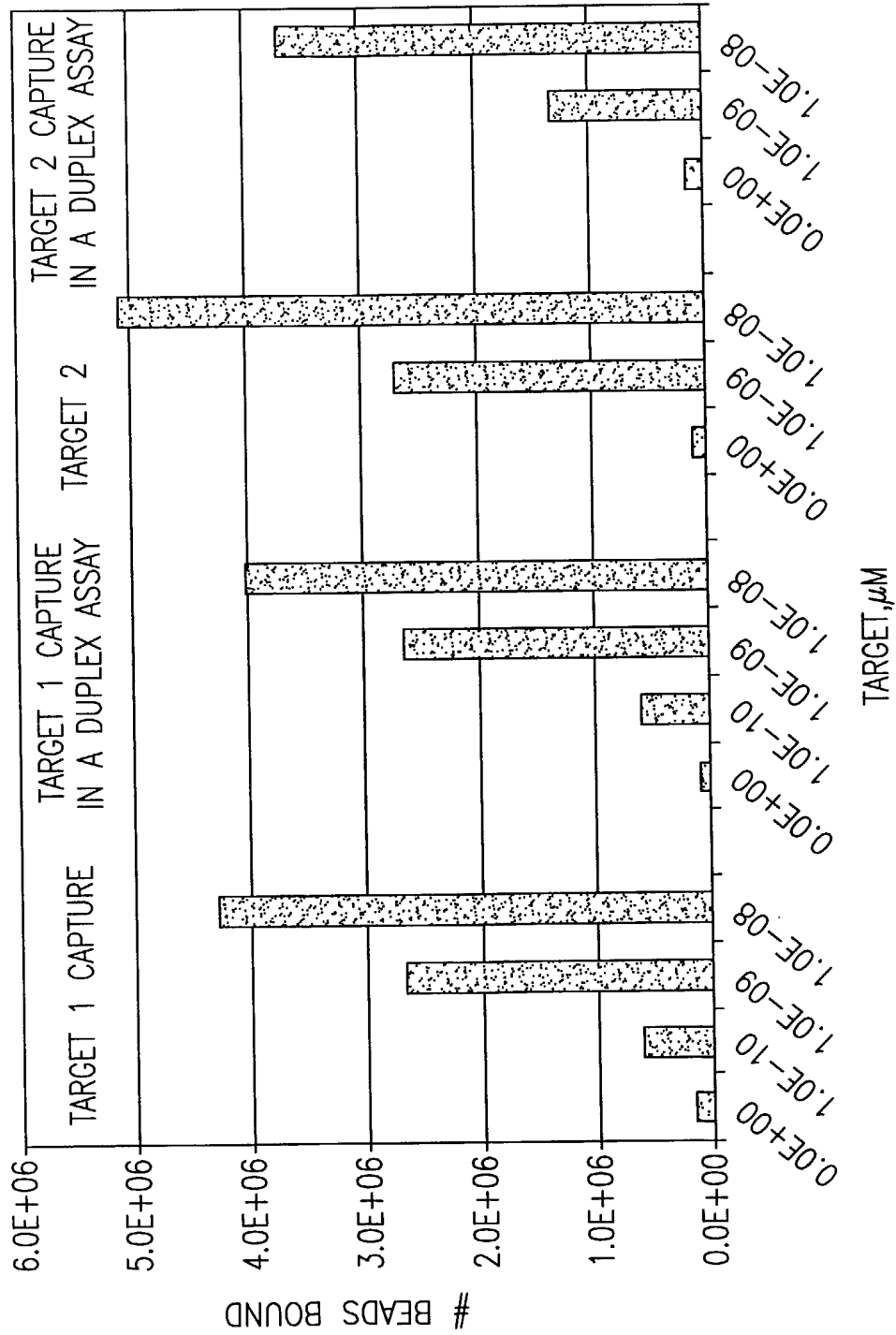
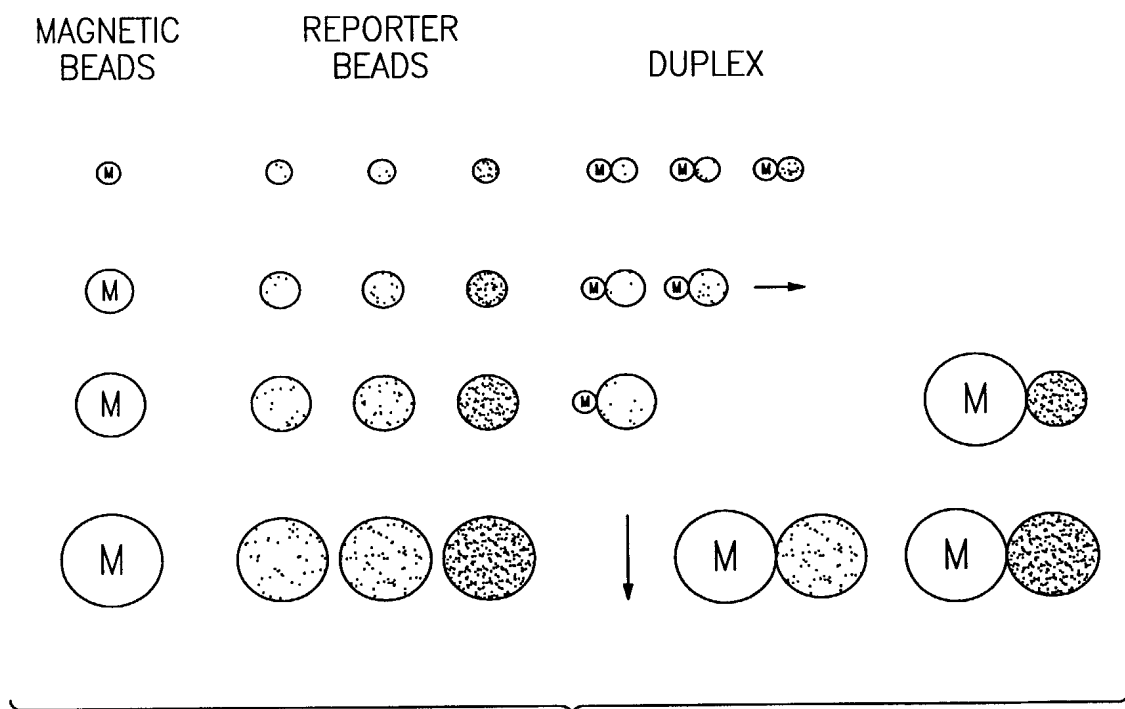
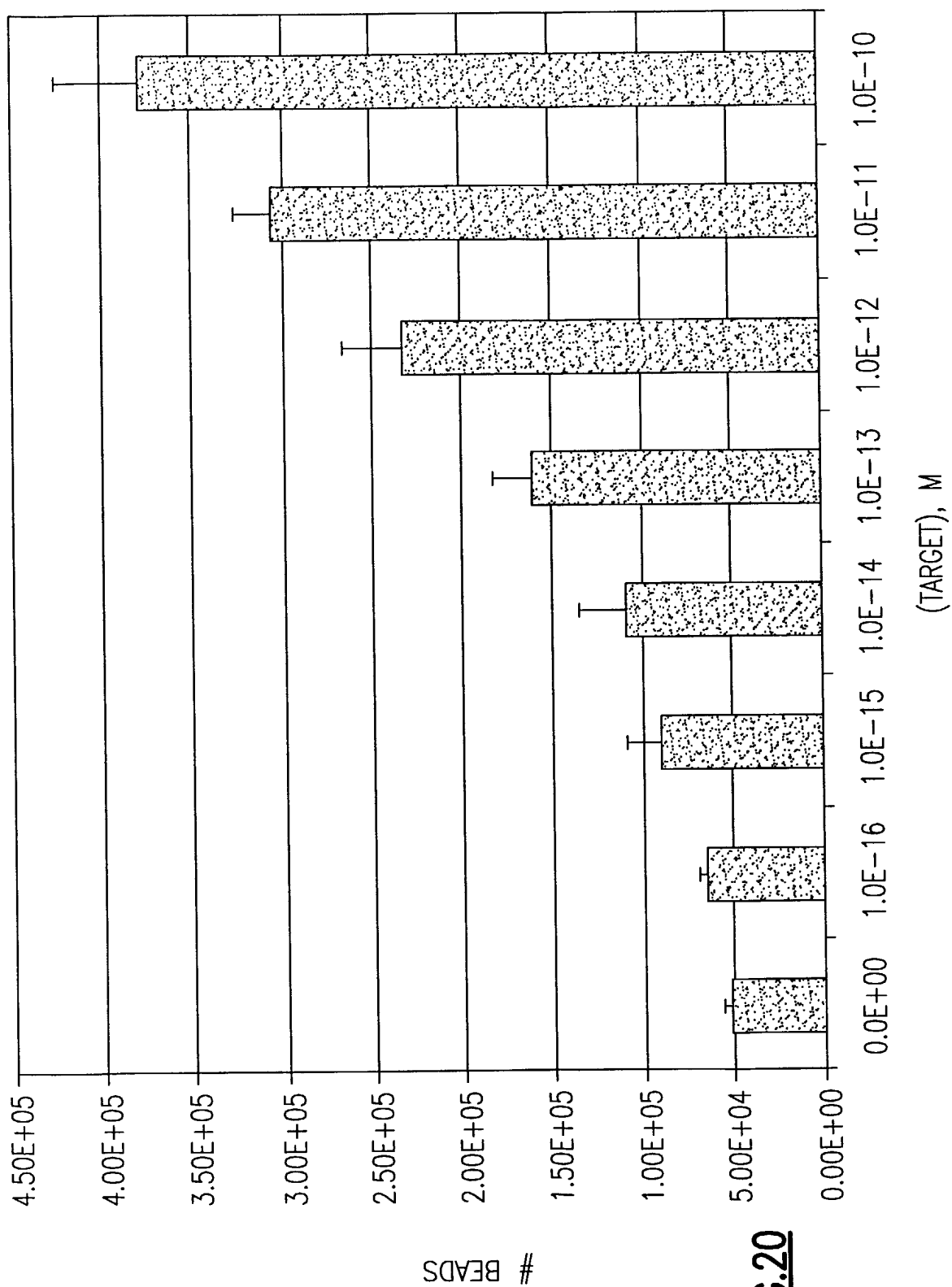
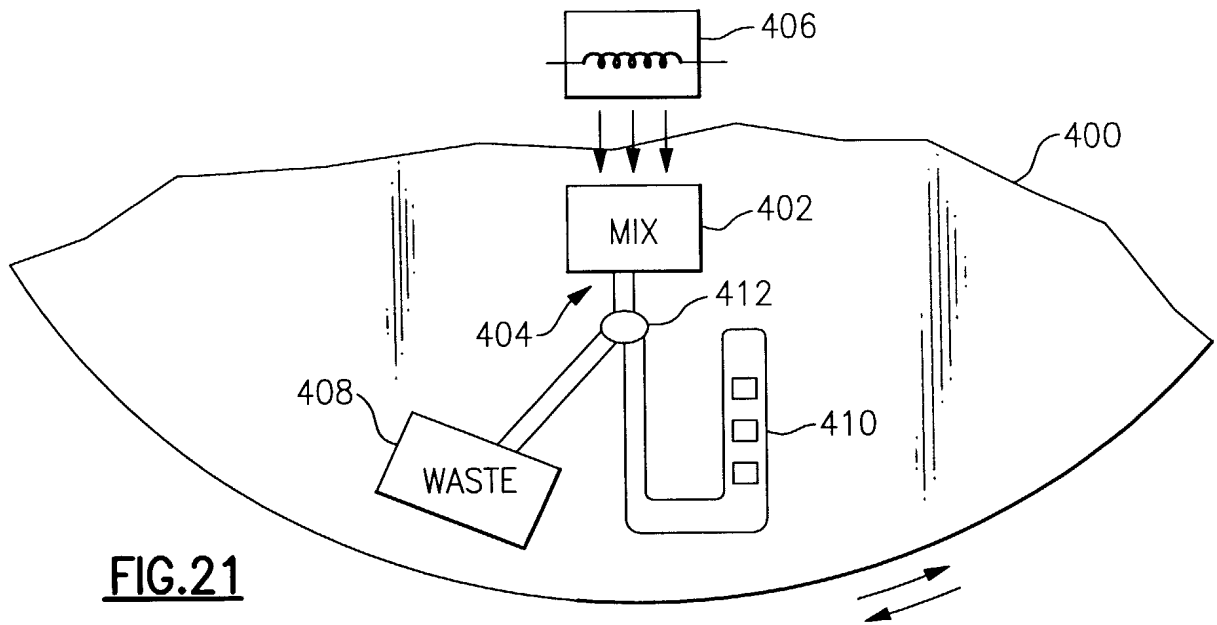


FIG.18

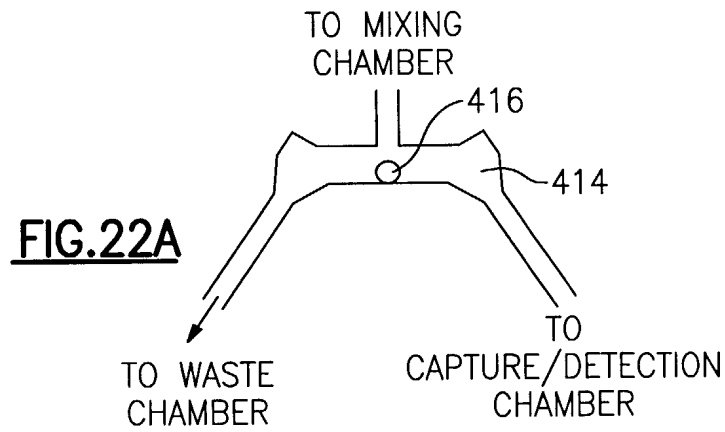
## DUAL BEAD ASSAY MULTIPLEXING

**FIG.19**

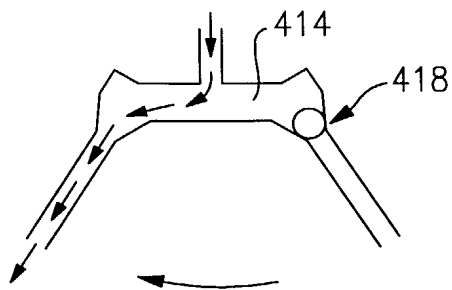
**FIG.20**



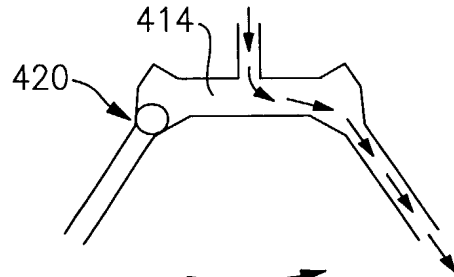
**FIG. 21**



**FIG. 22A**

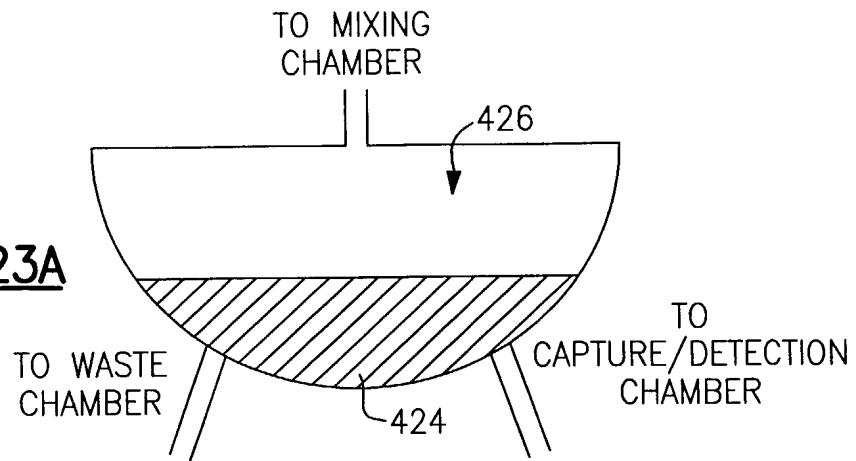


**FIG. 22B**

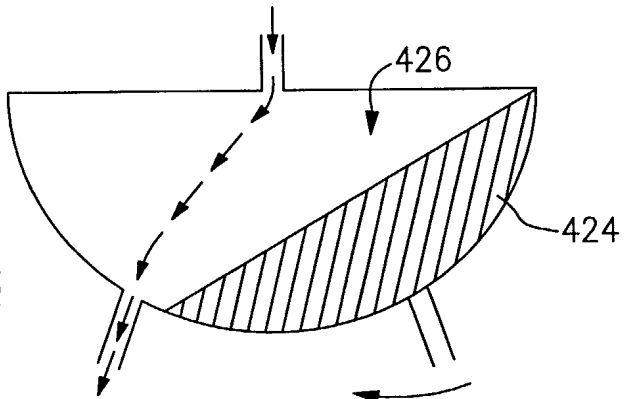


**FIG. 22C**

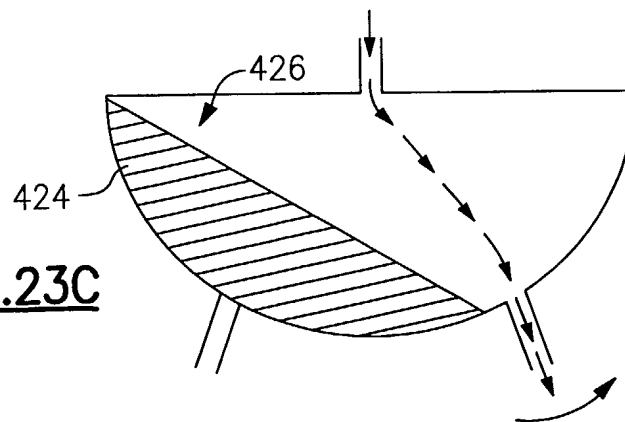
**FIG.23A**



**FIG.23B**



**FIG.23C**



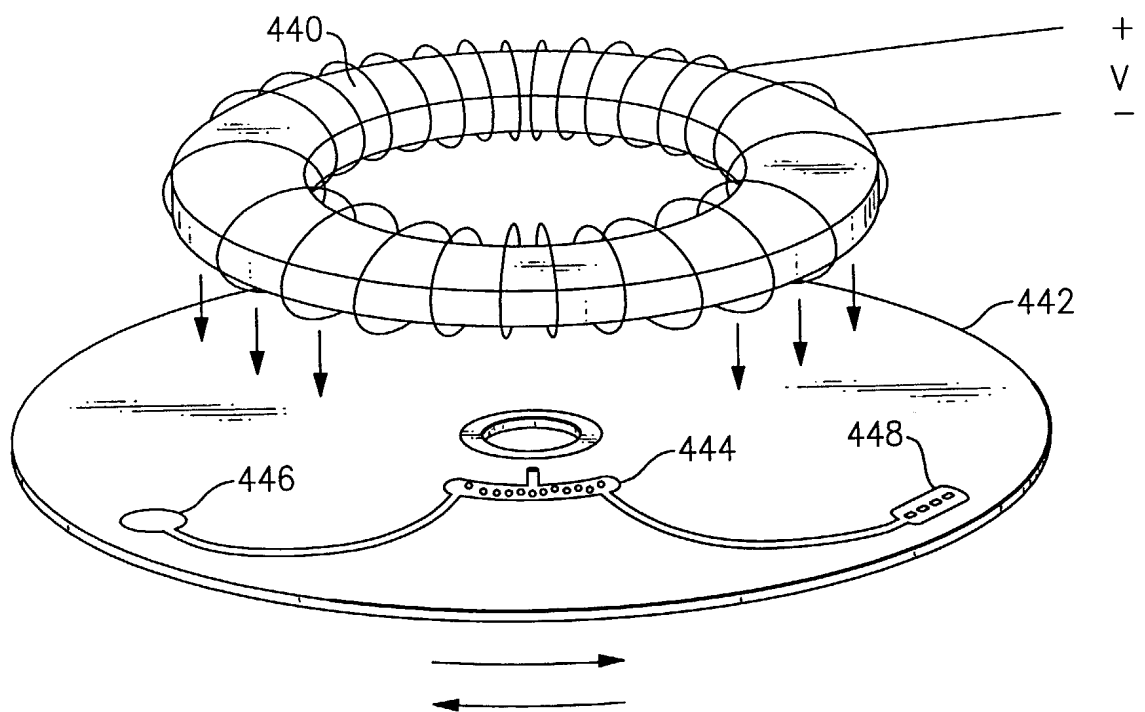


FIG.24



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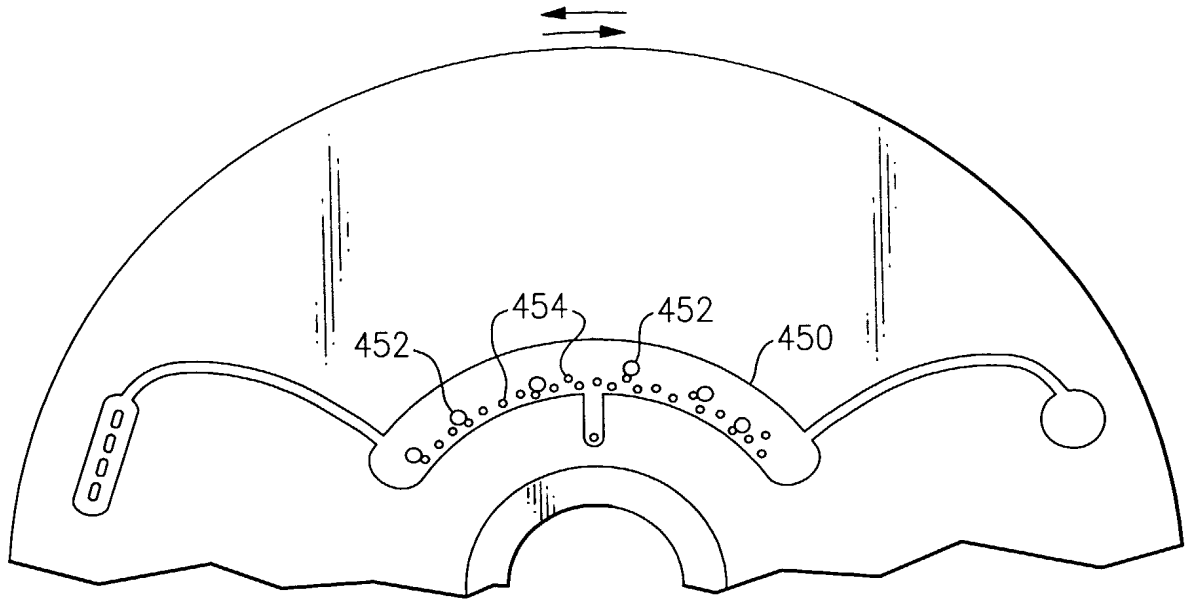


FIG. 25A

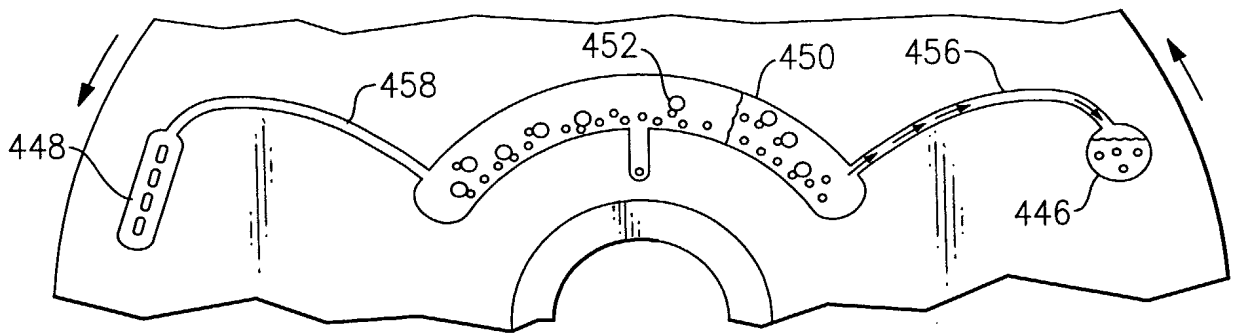


FIG. 25B

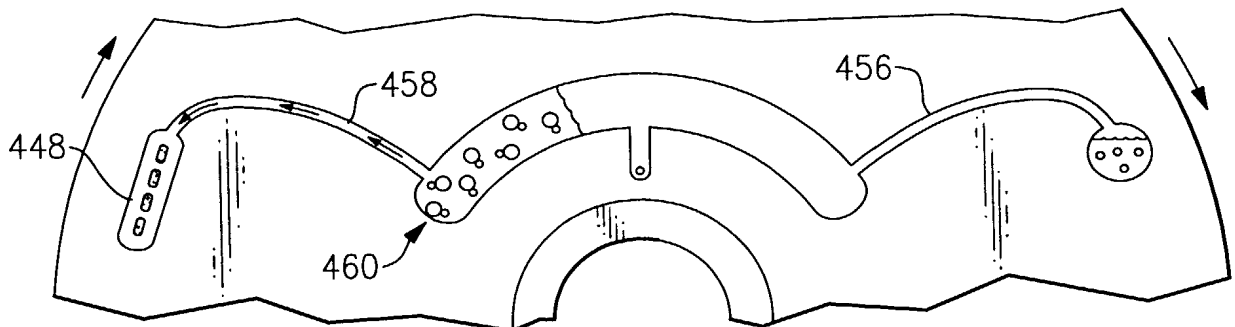
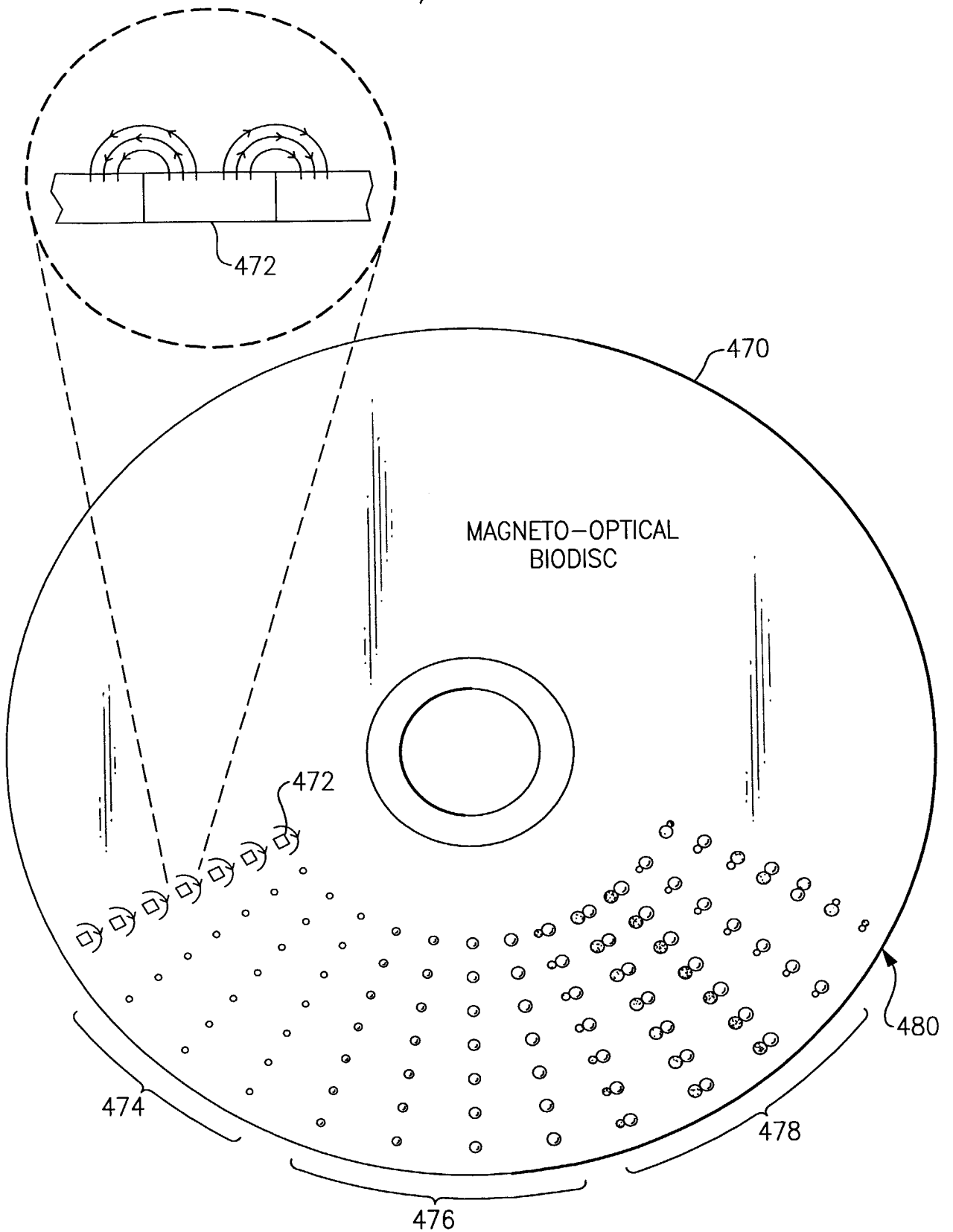


FIG. 25C



**FIG.26**